Roger W. Arnold W4EHW
221 SW 22nd Ave.
Miami, Fla.

FLORIDA SKIP

A Non Profit Organization

VOL 6 — NO. 18 The All Florida Radio Amateur's Publication JUNE, 1963

THIS MATTER OF TRAFFIC

It is a common knowledge that the previous SCM was somewhat be-labored by the multitude for his seeming preoccupation with traffic and traffic reports. It is not my position to defend his position nor to commend specific attitudes. But I do think it is important to recognize the latest ARRL annual report wherein the East Florida section receives high recognition in this important phase of the "art". Total traffic for the year showed East Florida at the top of the heap again. .for all 73 sections. East Pennsylvania, with their mainstay W3CUL, has individual totals slightly in excess but everyone knows that without their "one-woman-gang" in the person of W3CUL that E. Pa. would actually be far down the list. .in fact there have been some comments that she should report traffic as a separate section. .hi! I am in favor of traffic and the proper utilization of traffic capabilities in the amateur bands. Also I am most heartily in favor of proper reporting of the traffic totals.

As most are aware the station total of traffic is composed of four sums. . . .Messages originated, messages received, messages delivered. The sum of these factors are the traffic total. Phone patching, etc., do not enter these figures.

Concentrate on the delivered total if you will and exercise good common sense. If one is to be able to deliver a message it must first be received. If one is to relay a message it, again, must be received. Therefore it would seem logical to assume that a station could not deliver a single message over the total of those messages received. Similarly it is logical that a message received must be either delivered or relayed . . .otherwise no reason to accept it in the first place. Yet the traffic totals received here in the past two months indicate either a misunderstanding of how to arrive at the proper total of traffic or else there are some tremendous stacks of undelivered traffic around the state.

Possibly there are other factors influencing these totals.

Returning to the opening remarks. .Eastern Florida is at the top of the heap in an important facet of amateur radio. The ability to handle traffic is as important as the capability. I am aware of stations capable of handling traffic who do not choose to participate in this facet of amateur radio. Certainly there is no compulsion to make them get into this activity. . and their wishes are respected to the same degree that others wish to have their activities left to their own choosing. Gradually in a lengthy discussion of licensing, reasons for tolerance of amateur radio by governmental agencies (ours and foreign as well) the discussion eventually arrives at the platitude-sounding phrase "to provide a pool of technically trained personnel for the benefit of national defense". Usually large amounts of raucous laughter drown out the discussion at this point but there is a great deal of fact in the statement.

Much has been said about the ease of communications by voice. .also the technical advances resulting in the broad use of SSB techniques have been appreciated. The services have converted many former exclusive CW circuits to SSB in the past few years and replaced others

(Continued on Back Page)

JOHN LOWE FUND

For the first time in more than 20 years, John Lowe's left wrist is straight; This doesn't sound impressive until you consider that for nearly 25 years, the wrist has been immmovably bent at more than a 90 degree angle. Rheumatoid Arthritis, which deformed Lowe's joints also blinded him. Surgery was performed at the Winter Park hospital and John has made a good recovery from the ordeal. The hand which was straightened in the first of a series of operations, is the one with which he operates the "RIG" and the braille typewriter on which he keeps log.

Over a two year period, other operations are planned to straighten the other wrist, both hips, and possibly his knees, also. John entered the hospital again May 14, for the second operation, this time, his right wrist.

He wishes to express his heart-felt thanks to all those who made the operations possible, and to the Orlando orthopedic surgeon who is donating his services.

Hospital expenses for the first operation were $724. These have been paid. The present balance in the fund is now $580; this means about $200 more is needed to cover the second operation.

Since the April issue of Florida Skip was distributed, $227.50 has tbeen received from Amateurs and relayed to the John Lowe Fund by the Polk County Amateur Communications Society (W4TJM). Other Hams have contributed directly to the fund, so we don't have a separate total on those.

Along with John, we wish to extend our thanks to the many Hams that have helped in this very worth while cause, and to Florida Skip for once again lending a helping hand to a Ham who was in need.

J. E. (Lucky) Parker, K4EBO
Secretary; Polk County
Amateur Communications
Society

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SKIP Photographer, Ross Parsons, K4NVD, 4538 W. Paris, Tampa 4, Fla.

Club, Tampa, Herbe Smith, K4-LML, 214 Columbia Dr., Apt. 3, Tampa 6, Fla.

SPRING SET RESULTS

Due to lateness of our May 18-19th SET, results can not be printed here. From all indications by monitoring all Florida Nets there was a surprisingly good turn out.

We will have more complete details in the next issue. All ECs and Net Managers are urged to send their reports to your SEC soon as possible.

FROM THE EDITOR

This spot has been vacant for a long, long time. Normally we have other more important news from our correspondents.

I would like to remind all Florida clubs, and groups, about the upcoming 1963 ARRL Field Day, the last weekend this month. As you know, FLORIDA SKIP sponsors two F.D. trophies yearly. One is a large, 5 year trophy which is awarded to the highest score in the state by a club or group, regardless of the number of transmitters used. The second trophy is awarded for the highest score for any one single transmitter. This does not mean "one transmitter class". We must hav a copy of the logs for this trophy. For the larger trophy we require only a breakdown of the transmitters and the total score. To be eligible for this trophy the scores must appear in ST as they do the checking there.

For instance, one club could win the large trophy for having the highest SCORE, and could also win the smaller trophy for having the highest score in the state for any one transmitter. The smaller trophy is to encourage smaller groups to strive for efficiency and operator technique.

Elsewhere is an F.C.C. order about license fees. Read it carefully. I have the complete text from F.C.C. in regard to all licensing fees. Anyone wishing to borrow this let me know. If it will make you feel better, CBer's pay $8 and $10 for their license applications.

We hope you all will consider signing up a new member in FLORIDA SKIP, and above all to support our advertisers strongly. This month we celebrate our seventh birthday, and believe me it's been a long, long hard job for your SKIP Staff members. Millions of words and calls have been printed on these pages. We need your support to continue this publication by promptly renewing and signing up new members. Thank you and 73 — AC.

LETTER TO EDITOR

Dear Andy,

I would like for you to announce the existence of the QRP Amateur Radio Club, International, to your readers.

As you probably know, this club for low power enthusiasts has grown from a group of 25 to its present 700 members in just one and a half years. Its purpose is to promote better low power operators on our amateur bands. It also binds together the rather large segment of our amateur population who both run and lenjoy running QRP, or 100 watts or less power input.

We hope to build interest in efficient, courteous, and proper operation of the low power amateurs equipment, and promote a more world-wide enjoyment of our hobby through the voluntary power limitations.

We have QSO parties, contests, issue certificates of award, all with thh low power member in mind. We also issue a quarterly newsletter with membership information, tinker projects, equipment improvement designs, again, with the low power and limited budget in mind.

For more information, a formal application, and a list of members and awards given, send a self-addressed, stamped envelope to me, K4WVX, Jim Perry, 2691 56th St. No., St. Petersburg 10, Fla.

We feel that many of your subscribers might be interested in belonging to our club.

James R. Perry, K4WVX
QRP A.R.C. Secretary

LETTER TO EDITOR

Editor, Florida Skip:

The St. Petersburg Amateur Radio Club thanks you for the generous publicity given us on our 1963 Hamfest. We feel that without the support of your publication, we could not have had the tremendous response we did. Our Hamfest again set a new attendance mark as it has each year.

We wish also to convey our thanks to the hundreds of hams and their families who attended this event. We will be back again next year with a bigger and better hamfest and will look forward to seeing each and every one of you again.

73,
SPARC

LETTER TO EDITORS:

Editor SKIP:

Recently I talked to W4KI and he told me about an article in your magazine titled "An Article on 2 Mtr Mixer for SSB" — this may not be the exact title, but I think you will know what I mean.

Would it be possible for me to purchase a copy of thiis magazine containing this article?

I have a Johnson Viking Invader, and I am told this article tells how to use this (or any other similar unit) to get on 2 Meters SSB.

Many thanks for any trouble you may go to.

Gene Hitchon VE3NN
Very truly,
Belleville, Ont.

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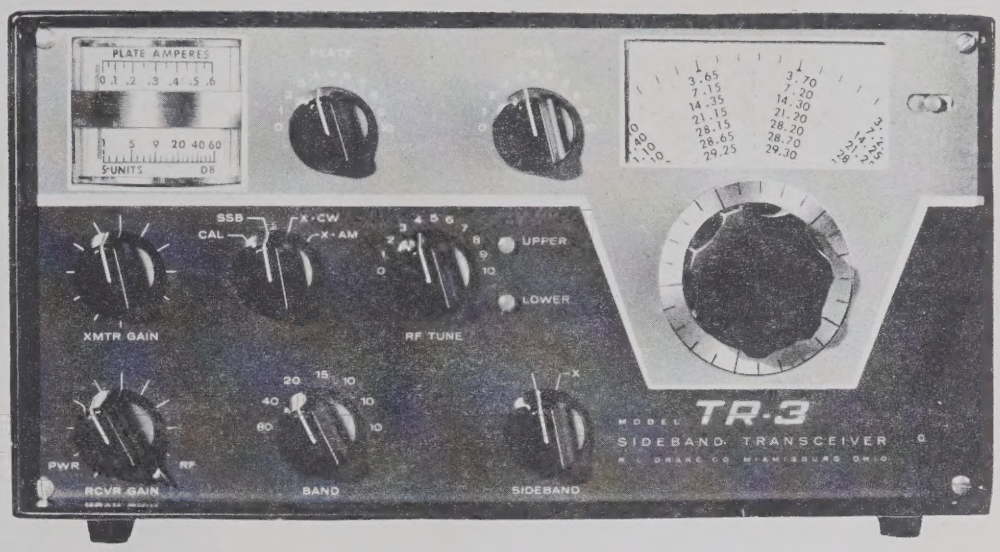

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12BA6	—	I. F. Amp.
12BA6	—	I. F. Amp.
12AX7	AGC	AGC
6AQ5A	Anti-Vox	Audio Output
6HS6	Mixer	—
6EA8	Cathode Fol.	Mixer/Cath. Fol.
6EA8	Pre-Mixer/Xtal Osc.	Pre-Mixer/Xtal Osc.
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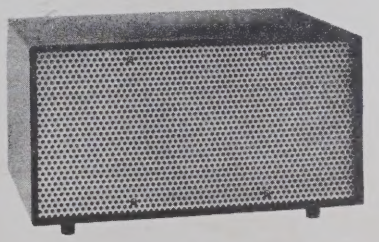

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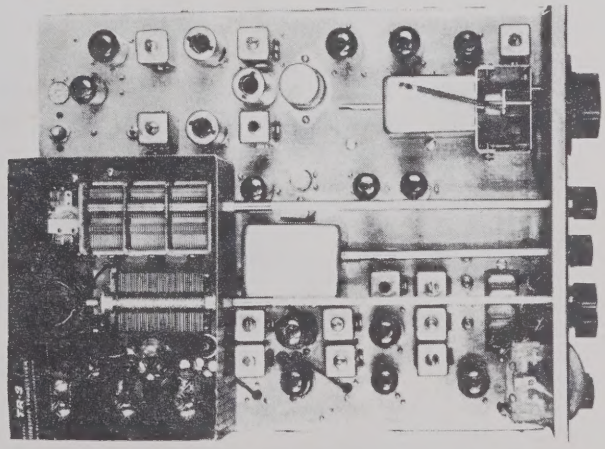

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TUBE SUBSTITUTION HANDBOOK

Practically everyone concerned with the replacement of vacuum tubes has, at one time or another, been faced with the problem of considering substitute types because an acact replacement is not readily available, or is no longer manufactured.

The famous Howard W. Sams TUB SUBSTITUTION HANDBOOK is the one complete and accurate answer in cases like this. The brand-new 6th Edition of this all-time favorite now lists over 9 100 direct substitutions — over 1,400 more than in the previous edition.

The expanded Receiving Tube Directory now includes over 4,-900 substitutions for more than 2,100 types. The Picture Tub Section gives recommendations for over 1,835 substitutes for 534 types. Other Sections give substitution listings for over 370 subminiature tubes, 932 industrian and foreign substitutes for American receiving tubes, and 568 American receiving-tube substitutes for foreign tubes.

A brand-new section lists more than 465 substitutions for communications and Special-Purpose tubes.

Instructions accompanying the various Sections provide guidance in making proper substitutions, in addition to suggestions on cross-referencing between sections for additional substitutes.

Invaluable as a reference and working guidebook for anyone whose work involves vacuum tubes, this new 6th edition is more complete and up to date than ever — in fact, it lists more valid direct substitutes than any other cross-reference guide available.

TUBE SUBSTITUTION HANDBOOK, 6th EDITION is available from electronics parts distributors and bookstores throughout the country. or from Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. $1.50.

$4.00 NEW AND RENEWALS

The Federal Communications Commission has ordered that fees for handling license applications in all radio services will become effective January 1, 1964.

For amateurs, initial and renewal applications will require a four dollar fee, modifications such as change of address two dollars, special call signs twenty dollars. Novice and RACES applications are exempt from fees.

(Oh, yes CB'ers pay ten dollars class "A" and eight dollars all others).

BROWARD COUNTY NEWS

Activity in Broward has gone up with the coming of Field Day, which at the time I am writing this article is a month away and the Spring S.E.T. test which is at the end of May.

The simulated emergency for Broward County in the spring S.E.T. will be a large scale train wreck in downtown Ft. Lauderdale. The bands that we will be using in the county are 10, 6, and 2 meters. I will have the results of this next month.

Determined to make good this year, the Broward Amateur Radio Club is preparing early for Field Day. As you might know. we had generator trouble last year that forced us to shut down way ahead of time. Our Field Day location will be in Birch State Park and any visitors will be welcome. Just follow the sign put up in the park. This is about all I can say on this now. Next month I will have the full information on Field Day here in Broward County.

As your new 10 meter Broward Emergency Net Manager. I have made some changes in the net worth noting. First, the time has been changed from 2100 to 20000 on Monday nights, this is so we will be operating under simulated emergency conditions with the 6 and 2 meter nets which are at the same time. Second, I have moved the net frequency from 29.610 kc. to 28.580 kc. so as to make the net available to the fellows whose rigs can not hit 29.610 kc. Third, starting Monday May 20 an A R E C training course will be held on the 10 meter net. This is a good chance to brush up on the AREC manual with the hurricane season coming up.

Don't forget the new meeting place of the BARC is at the First Federal Savings & Loan Assn., 301 E. Las Olas Blvd. in the auditorium on the top floor. The meetings are on the second Wednesday of each month at 2000.

"73"
Doug K4OAP

NORTH MIAMI AMATEUR RADIO CLUB

Things are now going pretty good for No.M.A.R.C. We are going to join the "Royal Fraternity of Screwballs" for the 1963 Field Day. We plan to give W4PLB (Orlando) a run for their money this year.

NoMARC has two meetings a month. They are on the 2nd and 4th Thursdays of the month. The 4th Thursday is Mainly for operating.

NoMARC members participating in a Civil Defense Parade in North Miami in May.

NoMARC members also participated in the Florida SET on May 18 & 19.

73
Jim WA4BAW

"Fine herbes" include parsley, chives and chervil. Use with cheese, fish, omelets.

SUNCOAST VHF CLUB NEWS

Two meetings and a broken arm have passed since we last entered our column. All doing well. K4CNB & K4QOK's hidden transmitter hunt was real good with K4AVH Bill coming in first. Bill & K4ZIR had their transmitter hunt April 21, hidden a block from picnic area and gave everybody fits trying to find them. WA4FBV Don came in first and WA4GWW Jim was second. WA4FBV will hide the transmitter near first of June.

May 19th Motorcade to Myakka State Park Mobileers was lead by WA4FVB Don.

Field Day plans are underway. Will be held at CD, same location as last year. K4CNB will be working portable from the Atlanta, Ga. area and hoping to work all of us on skip. Ned will return about June 21.

K4EAC Hilda will be leaving St. Pete about end of May going to Jax. Their gain, our loss. Good luck Hilda we'll all miss you.

K4LYS club president was voted to take over the trustee of Club station W4WVO in Hilda's absence. We hear that there is a possibility that W4-JIZ John's call will be given to Dixie Hollins High school. What better memorial to a great ham than encouraging the young people.

The Suncoast VHF Hamfest will be July 21, 1963, Taylor Park in Largo. Heathkit 6er as first prize, plus loads of other prizes. All gear etc. will be for 6 & 2 meters. 50.7 will be monitored for directing all to the park. See you there!

WA4ILY & WA4KYA are sporting a new car. First thing they did? Put on the antennas. Taking a tour of the Southern States soon. Hope DX is good! Will have 6 & 2 in the car.

Seventy-eight Suncoast VHF Club certificates issued to date .6 contacts for our piece of awll-paper. Mail list of those worked and dates directed to me. Remember: Don't be discouraged — if your efforts are criticized, at least you've done something worth talking about.

73
Nancy WA4EDL

HARS NEWS

By Roy Scott — W4UHF

A new directory of paid-up members is to be published and distributed shortly. This directory is being compiled jointly by both HARS and TARC and provides an up-to-date list of amateurs who are members of the two Tampa Clubs.

The winner of the Club Bulletin name contest will be announced in the July issue; the deadline for submitting a name for this Bulletin is July 1st and the prize is a year's membership in HARS. The contest is open to all. The Committee of Judges: Roy Scott, W4UHF, Ray Murphy W4BNE, Frank Haines, WA4DS who, of course, together with their families, are not eligible.

The HARS-TVI Committee, John Rivera, K4FTV; Dick Thompson, K4NQL, and Jim Godward, WA4DDG, are continuing to do an outstanding job in this important Publics Relations field and have been commended by the local FCC office. Hearty congratulations to this hard-working group.

The second Tuesday of each month at 7:30 p.m., has been designated as "Project Night" and was established to give those members of HARS who are not able to attend the Saturday morning meetings at the Club Communications Center an opportunity to be present. Members and their friends are always welcome.

Preparations for Field Day on June 22 and 23 are under the able supervision of Jim Buzbee, W4QNX. 73.

GROUND IT GOOD

W4PHK, Ray Downey from Orlando, an electronics component salesman reported that earlier this month his vertical antenna took a direct hit by lightning. And even though he had some so-called "lightening protective" devices, his receiver was pretty well wrecked. At the time I saw him, he still didn't know how much damage his transmitter had received.

From what he said, that particular bolt must have had plenty of amps as well as volts.

He "hopes" his damage is covered by his household insurance.

Which brings up the question —"How many of us are really insured in this respect?" Might be worth a check with our insurance agents.

For more particulars on Ray's experience suggest you drop him a line.

73
John W4NE

NCX-3 TRI-BAND SSB TRANSCEIVER

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SSB/AM/CW station with a **conservative** 200 watts of SSB punch

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FORT MYERS CLUB NEWS
by W4SMK

The Fort Myers Field Day effort is off to a flying start headed by Bob, WA4YA, and Committee members W4KET, WA4DQE, WA4LBM, and W4-SMK. We will have 2 cw, one am, and one ssb station in the 150 watt class at Page Field. The call will be W4LX/4, and the stress will be on good antennas, plenty of preparation, and real efficient operation. All Lee Co. amateurs please come out and help us make a good showing.

The local gang also got into the T Vshow game. See article by W4SMK in this or netx month's Skip.

We were all deeply saddened by the sudden passing of Marion, W4KLP, in Punta Gorda. He was a very regular member and fine fellow.

WA4HDH and WA4DKD have a new 60 ft. tower to go with the S Line now, and in between Boy Scouts and swim meets we hear them on the bands very active.

W4PJG has a full size 20 meter Hy Gain beam up in the air to complete a fine KW SSB station. Lou is working lots of new countries on voice, and I hear tell is even considering sw. Egad, the depths to wich a DVer must sink in order to work the rare ones, hi.

Operation SET in May should be a success if local plans work out for a real good drill on 6 and 2 meters. W4KOB will head up the Lee Co. efforts. Our Races group on 6 meters has a weekly drill lasting from 30-60 minutes every Thursday night at 0001 Z.

Many of the local 6 meter gang have been enjoying the DX openings on that band, and W4STA managed to QSO his relatives up North on 6 after trying for several years.

W4KET, W4SMK, and W4-WYJ ably represented the FMARC in the cw section of Sweepstakes. We were the only Florida Club besides the Fla DX Club to turn in a score. How about some competition next year?

WA4GYA and WA4HFB are also CAP Members along with K4ZAP and these boys often operate from the planes on 6 and 2 meters. Listen for them.

COMPLETE LOG AND STATION RECORD MANUAL

FCC regulations require all amateur operators to log information relating to every transmission . . . date time, station called, type of emission, power, etc. For their own needs, most amateurs like to record many other details, as well.

Howard W. Sams AMATEUR RADIO STATION MANUAL not only provides adequate log space for over 1,000 transmissions, but also includes nine other sections for keeping Worked-all-States, Worked - all - Zones, Worked All Continents, and DX records; a Call-Name-QTH index; Future Calls Schedule; Network Data; World Prefixes; and Equipment Records. In all, this new and unique logbook represents the most complete and useful station operation record and reference manual ever published.

Handsomely designed with a comb-binding which allows the manual to be opened flat, the 10 Sections are separated by heavy tab-indexed dividers for fast and easy reference. The number of log and record sheets included will serve the average "ham" station for 6 months or more, and is just the thing for keeping permanent records on all phases of day-to-day operations.

AMATEUR RADIO STATION MANUAL is available from electronic parts distributors and bookstores throughout the country, or from Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. $3.95.

SOUTH MIAMI RADIO CLUB

Bud WA4FFP and committee has all arrangements completed for the A.R.R.L. field day, and would like to see a 100% turnout. It looks like it will be a very successful year for S.M.-R.C.

Al W4ELR would like to have more members check in the D.E.N. on Monday nights. His phrase "amateur radio exists because of the service it renders. His phrase "amateur radio exists because of the service it renders", is reason enough for more persons to take an interest in these patriotic sessions.

Jack WN4FQB broke his arm in a home accident, and is recovering nicely.

Ernie K4KIC was the lucky person at the Orlando Hamfest's S.S.B. banquet by winning a B and K tube tester.

Joe WN4JZT plans on getting a braille ma. meter for his Ranger.

New members are Douglas Flowers WN4NEI Helmut Durr WA4GCI, and Wally Carson WA4KUN.

That's all for now. c.u. next month.

73
Jack WA4AMV

NEW CLUB ON MARCH

The North Florida Amateur Radio Society, headed up by W4YTB, W4CCG, and K4DBM of Jacksonville is on the march, with an average attendance of 53. They have big plans for Field Day this month and are working up many very interesting programs, according to Secretary Bill Reynolds, K4VGL.

To bring in more members and to keep interest high they issue a full-size club bulletin each month. If in Jacksonville area, you're invited to attend their monthly meeting, the second Thursday at Riverside Avenue Christian Church, 2841 Riverside. Good luck to this active club.

HOLD IT, WALT

After the Orlando Hamfest Sunday afternoon six Miami mobiles took off for home down US 441. All were in QSO on 29,044 kc. W4DTJ and XYL W4WYR were way up front, followed by W4LVV, K4PFB, K4-ONY, W4GJ and W4IYT. Each mobile had from 2 to 4 amateurs aboard.

Everyone was sailing along having a grand old time chewing the rag and swapping wisecracks when about 35 miles out of Orlando W4IYT heard some strange noise from under the hood. He was quickly waved into position 4 via K4ONY. This was a precautionary move in case of a communication breakdown. About 10 miles later it happened — the ammeter on the dash of W4IYT showed a big "discharge" while he was turning it over to Walt W4GJ. "Hold it Walt, I'm gonna have to pull over, I just lost my generator voltage."

Walt quickly alerted the mobiles up front and everyone slowed down and pulled over. After a quick survey it was decided to continue on down the Sunshine Parkway on battery alone. W4GJ had a spare battery and would stand by in case of complete power failure.

Miles clicked by in the darkness and the battery held. Everyone made it back safely and had a lot of fun even though W4IYT's mobile was on radio silence.

Thanks to Walt W4GJ, W4-IYT now has an extra heavy-duty generator to handle full power day or night. Have you checked your mobile lately? Better do it today.

SPICE LORE

In the middle Ages, before the days of grocery stores, spices and other imported necessities were peddled at the many fairs honoring saints and heroes.

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GEM Standard 6 or 2 METER Cascode Converter. 6BZ7 & 6 X 8 Can be used as twin unit; use same tubes and crystal (45 MC). 6 METER IF: 5mc. 2 METER IF: 10 mc. Gain: 20 DB, S/N ratio, 6 DB. 2½ x 4". Requires 150v @ 20 MA plus 6.3v heater supply — $6.50 PP

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LITTLE GEM 6 METER TRANSMITTER & 5 WATT EXCITER UNIT. Available for either 8mc or 50mc crystals with output in 6 meter band. Built-in Antenna Coupler. 6AU8. Fully tuneable — $6.50 PP

SPEECH AMP & Mod for above. 12AX7 & 6AQ5. Crystal & Carbon Mike inputs may be operated from most any small power supply — $4.50 PP

All of the above units are, of course, less tubes & crystals.

HOLDERS SUPPLIED WITH ALL CONNECTORS, for any unit, add — $2.50

YOU MAY ORDER DIRECT FROM THIS AD, ATTENTION OF K8GEM, Box 203, TREMONT CITY, OHIO

MODERN HORATIO ALGER

Here is an interesting story that was relayed to us by a fellow ham. It seems that there was this small retail store owner who lived apart from his place of business. During the course of the past few years, burglars had broken into his store on several occasions and made off with a considerable quantity of the poor fellow's merchandise. Our Horatio-type hero was apparently too much of a skinflint to invest in a burglar alarm but he did decide he could not afford more of these periodic raids on his inventory. He may have been cheap but he was no dummy for he devised what is probably the most unique burglar alarm on record.

Each night before he left the store he would lift the telephone receiver and dial his home number up to the last digit. When he came to this number, he dialed it but did not let the dial go. Next, he placed a cork in the finger hole to hold the dial in that position. With a thumbtack he attached a long string which he stretched across the entrance to the store and went home.

Finally one night, after several months of this routine, a burglar jimmied the door and entered the store. As he did, he tripped the string, pulled the cork, released the dial and rang the merchant's home phone. The merchant lifted the receiver and when on one was on the other end, he called the police who sped to the store and arrested the thief.

Why shouldn't W4DTJ and W4WYR of Miami be happy? They received this new Drake 2-B receiver as a surprise gift from fellow members of the Dade Radio Club for the outstanding job they did with the 1963 ARRL Convention/Hamboree last January. It couldn't have happened to two nicer people! (FS Photo)

FAST NET CHANGE

The Net Members have voted the FAST-NET to resume their previous time of 1900 EST (2400 GMT) Monday through Friday, with Sunday remaining at its same time of 1800 EST (2300) GMT). K4DBT, Net Manager.

ANOTHER HAMFEST

The Daytona Beach Amateur Radio Association plan to hold a hamfest Labor Day weekend at the motels "Sun Rise" and "Blue Bird" four miles north of Ormond Beach on Highway A1A. It will be the old fashion type eyeball, 807s, pop and eats. A swap show will be set up and of course there will be swimming and sun bathing for all.

Rates will be $6.00 to $8.00 per couple. Make your plans now. 73 C. W. Langner JR. K4NND, Secty DBARA, Box 88, Daytona Beach.

ANNOUNCEMENT

Mosley Electronics, Inc., 4610 North Lindbergh, Bridgeton, Missouri, has recently announced a new QSO Indes for keeping a permanent record of contacts by call sign and on-the-air handles. It is about the size of a log book and can record over 200,000 entries or contacts. On repeat contacts, this Index will tell you the name of the operator in a matter of seconds. Write Mosley for additional information.

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Here's a few
Like-new Trade-ins!

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	Ranger II Not a Scratch	$279.50
	Valiant Clean as a pin	$319.50
B & W:	5100B Looks & works like new	$325.00

HOW ABOUT 6 METERS?

AMECO:	Model TX86 Factory wired, New	$ 79.95
GONSET:	Communicator II operation 12 or 110v	$125.00
GLOBE:	Scout 680A with Power Booster	$ 59.95
NATIONAL:	NC303 with 6 Meter Converter	$279.95

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1301 Hibiscus Ave.

LETTER TO EDITOR

Dear Andy:

I am not sure that I can qualify as one of the Pioneers of Florida as listed on page 14 (I guess it is) of April SKIP, but at least I was in the running 40 years ago, and in Dade County. At any rate I qualify in the group as still holding the original call issued close to 42 years ago.

I personally know of at least two in your list who are among the silent keys — W4DU, Doc Cheatham of Jax, and 4IG, Seymour Dane in the Redlands (South Dade). I also believe 4XE, Wm. Justice Lee, joined that society several years ago.

I am not dead certain, but I believe W4BN, Freddie Frick, down at Thurow Distributors may also belong in the 40 year club. At any rate I worked him over 33 years ago with that call.

4II in Orlando area, as I recall, was one of the first and most active CW hams in Fla. And I remember when 4HZ, Gif Grange, was using leyden jars as capacitors and some kind of interrupter gadget for spark transmission, just prior to 1930. In the early days of 1920's when CW was just beginning to be heard, some of the boys had beautiful MCW notes, self rectified, unfiltered power supplies, made up of 2 UV-202's or something similar, with the plates taking AC right off each end of a HV transformer, center tap grounded. Of course the signal covered quite a wide spot on the dial, but there was still plenty of room.

Also back in the very early '30's, Raymond Martin 4BH was knocking a hole in the either with a rotary spark in the basement of his home on NW 5th St. in Miami. He still lives at the same address, incidentally; not many can offer that record either! His spark xmtr was on display at the Feb. SE Convention here.

My first transmitter was a UV-202 with a 1 inch spark coil supplying the plate voltage, and bulky window glass and tin foil condenser (homemade) trying to filter it. I think the transmitter did a better job than the receiver I had, as QSO's were mighty scarce, but I did get QSL cards from near and far. 6 volt auto batteries were the primary source of power. Later I graduated to a UX-210 with a 32/500 volt Eaco dynamotor supplying the juice and a 32V delco plant. With a large 4 wire flat top, and similar counterpoises I worked a larg part of the eastern USA on 80 meters. (At one time a neighbor claimed my counterpoise "electricity" killed his banana patch which was directly under part of it. He may have been right at that, as nearly every pine tree that I had an antenna tied to at one time or another, up and died!)

Well, that's enough bag for one transmission. Enclosed is a photo-copy of my original license to confirm the QSO.

73

John H. Webb W4NE
818 Obispo Ave.
Coral Gables, Fla.

LETTER TO EDITOR

Dear Andy:

Many thanks for the recent copy of FLORIDA SKIP. Particularly enjoyed Gladys' letter - fb. Gee, that's quite a mag. you fellas have down there. Seems to cover just about everything there is. I might add too, that congrats must be in order for "Mabel" - am glad to see copy arrived before Jr.

After two months in the hospital, I'm up and around now. Spent a little time in the DX contest (second half) and hope to be diggin' in the April CD -- CD must surely rank among my favorite contests. It's like going to a party or meeting or convention -- "Well, I wonder if I'll see old so-and-so this time, etc.". Hope to see you there too Andy and of course your Fla. coordinator, MLE.

73, thanks again and see u on the air.

Jack W6ISQ

(Editor's note: don't miss WyISQ

(Editor's note: Don't miss W6ISQ articles in QST!)

FIELD DAY FORECAST

Littlebin, Colorado
April 16, 1963

Field Day Preparation
Committee
Orlando Amateur Radio Club
Orlando, Florida

Gentlemen:

Your inquiry about our Weather and Radio Propagation Services is appreciated. We cannot send you our long range weather predictions you have requested without contract agreements and annual fee.

We have not arrived at any sales policy for our Radio Propagation Service has been out of research only since January. However we are sending you information and recommendations without charge as we understand that you will use it for strictly amateur projects without profit.

Radio Propagation forecast for Central Florida during late June 3.5 to 30 Mgs.) for the continent of North America will vary from very good to excellent. The other portions of the state will be poor to non-existant.

Our recommendations for those interested organizations in North and South Florida avoid frustration and the penalties of Murphy's Law by concentrating their activities on bird watching, stamp collecting, and shuffleboard.

Yours truly
L. E. Rapp, W/IOU
Pres. & Ch. Eng.
(W4HFR)

"HAM ACTORS" FEATURED IN TV SHOW

by W4SMK

Members of the Ft. Myers Amateur Radio Club and Lee County RACES will appear in the first "Rout 66" TV show of the new season in September. The show titled "Two Strangers and An Old Enemy" is one of several which were recently filmed in the Lee County area. The plot involves a former American pilot who is forced down in the Everglades and the effort to rescue him. Stars Martin Milner and Glen Corbitt will appear along with guest stars Sessue Hiyakawa and several others.

George Williams, W4KOB, local EC and Communications Officer was instrumental in getting the local CD and AREC group into the scenes along with the Mobile Communications Bus and other radio equipment. Mr. Sam Manners, Executive Producer of Route 66 worked closely with the Lee Co. Amateurs in filming the communications scenes. Mr. Manners issued a number of certificates to the operators who participated in appreciation for their cooperation.

In addition to providing personnel for several of the scenes that involved communications the amateurs also provided many additional props ranging from radio gear to parachutes and airplanes complete with pilots. They also providyed actual communications for filming operations on some occasions.

The story and filming were very interesting to those of us who had an opportunity to participate, and we urge all Florida amateurs to be watching for this premier show of the Fall season. The sound and film crew operations were especially fascinating to those of us in communications, and we all agreed that these Hollywood people really earn their money.

There was much joking back and forth among the group, and we often heard the old crack about "Ham Actors" when W4-KOB and crew were on the scene. The Route 66 people were well pleased with this locale and the friendly reception they got, and we hope to have them back next year if plans work out.

FLAMINGO NET NEWS

Walt Dixon W4DWN

On May 19th at 2 p.m. the Flamingo Net held a Lost Transmitter hunt for all Mobile enthusiasts of the Net. K4KHS-Bill was the lost transmitter.

W4MNN-Charlie, our Assistant Activities Chairman, is planning on a contest in the near future where the object is to see wh ocan log the most hours in QSO on 10 meters for a specified time limit. The idea is to get the ole 10 meter band stirred up locally to to have a little fun. This contest will be announced shortly at one of our weekly on the air meetings.

The 10 meter band has at times sounded like 20 meters with QRM and all the rest. The Net has been cooperative with the skip stations wishing to get our Certificate by standing by and letting stations check in with us and giving them contacts. Just takes 10 contacts with 10 active Flamingos on 10 meters to get one of our fine Certificates.

We are sorry to report that W4EDP's father passed away recently. The net passes on its deepest sympathy over your loss, Jim.

W4GJ-Walt says never repair your receiver with your shoes off. An experienced Ham uses his fist.

K4SED-Martha fell and broke her leg near the ankle here recently. Her leg is in a full cast and she will be recuperating at home.

K4CZY-Hal pleasantly surprised everyone on the Net the other night by checking in with us after several years absence. Glad to have you back in the Net with us Hal!

K4YSS-Paul has got himself a new Ham shack complete with air conditioning and wall to wall carpeting. Paul you are really Hamming in style now!

Check in with us every Friday night 7:30 p.m. at 29.044 mc. You will be glad you did.

73 Walt Dixon W4DWN

OTC?

Let's discuss the method of zero-beating both on AM station and a SSB station. Neither one is very hard to do, assuming your rig has a "spot" switch.

Spotting an AM Station

First off, forget that you have a BFO on that receiver of yours - it won't help you get on frequency without some special twiddling of the knob. Tune in the AM station you want to zero-beat for beat intelligence in the speaker or earphones. Turn the "spot" switch on and bring the VFO down on the station until you are unable to hear any more heterodyne. The squeal will be high pitched as you come onto the signal and drop steadily in pitch until you go by the "zero" point, and then start back up again. The point you want is at the lowest pitch, or "nosqueal". Bring up your RF or AF gain to see if you can still hear a beat note; if so crank that VFO some more. Zero-beating under crowded band conditions is a bit more difficult because of the multitude of heterodynes, but with a little practice you can pick out the right audio to null the sound on.

Spotting an SSB Station

As in spotting an AM station, forget that you have a BFO - except for finding the right station in the first place. Once you have the station tuned in for best intelligibility, turn off your BFO and turn on your "spot" switch. Swish your VFO down onto the SSB monkey-chatter until you start to get some intelligence out of it. Tune very carefully at this point until you get "best" readibility. This is the point at which you are exactly zero-beat with the SSB station.

The SSB procedure may sound just a little complicated, but after you try it once or twice it becomes real easy.

Here's a little tip which may help you to copy those stations which may be just a bit weak at your location: try using the BFO adjusted for SSB operation on the AM station. If all net stations are on the same frequency you will never hear the beat note, and if some QRM should appear on the sideband you are listening to, just move your BFO over to copy the opposite sideband. If you haven't tried this before, give it a whirl for a few times until you get used to it. You will find that it makes copy a lot easier in a lot of cases.

(from QRV?)

"DO YOU HANKER TO KILL AN ORGANIZATION? HERE'S HOW

1. Don't come to meetings.
2. If you do come, come late.
3. If you do attend, find fault with the work of the officers and other members.
4. Never accept an office or committee appointment, as it is easier to criticize than to do things.
5. Nevertheless, get sore if you are not appointed to some committee.
6. If asked by the Chairman to give your opinions regarding some important matter, tell him you have nothing to say. After the meeting, tell everyone how things ought to be done.
7. Do no more than is absolutely necessary, but when other members roll up their sleeves to help matters along, howl that the Association is run by a clique.
8. Don't bother about new members - let the secretary do it.
9. When a banquet is given, tell everybody that the money is being wasted on blowouts which make a big noise and accomplish nothing.
10. When no banquets are given, say the Association is dead and needs a can tied to it.
11. Don't ask for a banquet ticket until they are all sold.
12. Then swear you were cheated out of yours.
13. If asked to sit at the speaker's table, refuse.
14. If you are not asked, resign from the Association.

SPECIAL EVENT

Special event amateur radio station K3ROA/4 is scheduled for operation in the lobby of the Americana Hotel, Bal Harbour, Miami Beach, Florida.

Operating dates 12 to 15 June 1963 during the 37th Annual Convention of the Reserve Officers Association of the U. S. Special QSL cards will be sent to all stations worked. Most of operating is planned on 20 Meter SSB at approximately 14,300 kcs.

All licensed Amateurs in the Miami area are cordially invited to visit the station during the day or evening on the above dates.

Willard S. Wilson W3DQ
405 Delaware Avenue
Wilmington 1, Delaware

FLORIDORA YL NEWS

by Ellie Horner, K4RHL

The Floridoras had their fourth annual birthday party at a tea given by the Orlando Hamfest Committee on April 20. Thirty three members attended the tea which was held in the Floridora Booth. Little Bo, W4HSC, cut the cake which was passed with coffee and minature ivory fans for favors. Many thanks to the Committee for a most enjoyable time.

The business meeting was held the following morning. Officers elected for 1963-64: Pres. Anne, K4RDX; V. Pres. Fran, K4PPX, Sec. Ellen, W4FJF; Treas. Meg, K4HSC. Anne appointed the following Chairmen: Publicity - Ellie, K4RHL; Membership - Ruth, K4ANR; Certificate - Marge, K4RNS; Historian - Ev, K4UIZ. Congratulations to all the outgoing officers for a job well done and best wishes to the new officers. We are all behind you, glas!

It was decided to have an on-the-air business meeting the second Tuesday of every month and also to give stickers to be added to the Floridora Certificate for each additional ten contacts. The holder of a certificate dated before May 1, 1962 must send orignial list plus ten for sticker (or list of 20 QSLs).

Congratulations to Frances on her new call WA4FNA. Hilda, K4EAC, has resigned her job as Manager of the Suncoast YL Net after doing a f.b. job. Her successor is WA4EDL. Good luck Nancy and hope that the net continues to grow. Cathy, W4BAV, enjoying working old friends up north on six meter band openings - Jay, WA4KNB, and Fran, K4PPX, working DX on six.

Meg, K4HSC, checking in to YL Int. SSBers from her QTH in Georgia. Her OM has had a second cataract operation. Best wishes to you both. WA4FJF, Ellen, having a rough time with her harmonics, her boy with an acute appendectomy and her girl with measles. Annette, W4CWV, has moved into her new QTH. Hope to hear you on the air more often now!

Ruth, W4BWR, off on a ten day Caribbean Cruise in May and a trip to the north in June. Dot, W4UF, is on a two and a half month trip to Europe and is waiting for her 150 award seal.

DUES are now delinquent. Please remit to Meg, K4HSC, AT ONCE!

The Floridoras are busy monitoring their new net and calling frequency of 3933 kc. which is most appropriate as the gals sign their QSOS with "33", which means: "Love sealed with friendship between one YL and another YL". The net meets on every Tuesday at 1400 GMT. See you all on "33"!

Happy Birthday: June 1 - W4FEU, K4RHL; 2 - K4RCX; 6 - KrAQM; 17 - K4BDF; 23 - W4CWV, K4YDB; 29 - K4UIZ.

MORE ON 160 BAND

"The Director of Telecommunications Management has informed the Commission (FCC) that the Loran A System of radionavigation operations on 1900 kc/s will be extended to the area of the Gulf of Mexico beginning June 1, 1963, and suggests that the Amateur Radio Service be advised at this time of the impending restrictions in the bands 1875-1900 and 1900-1925 kc/s in the Gulf area. The Loran-A stations are located at Cape San Blas and Venice, Florida and Biloxi, Miss. Prior to June 1, 1963, the Commission will amend its Rules to further restrict Amateur operation in the above bands in these areas." - (J Huntoon - ARRL Gen. Mgr.)

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HOW MANY CAN YOU GET CORRECT?

(Editors note: Here is a clever little test for yourself, at the club or even on the net, when traffic gets light. Try it.)

1. Describe briefly how you "zero-beat" A.M. signals.
2. In using a dipole antenna and desiring to feed it with coax, what should be done for the best results?
3. In using SWR bridges most of us keep in the feed line at the operating position, what must be done in order to get a correct reading when checking an antenna on a certain frequency?
4. If you tune thru an unmodulated signal or carrier and find it is 6 kcs. wide, what does this indicate?
5. Explain briefly where and how impedance of an antenna is determined?
6. In keeping with good operating practices, what is the maximum band width, in kcs., allowed for AM sigs? CW? SSB?
7. What is the proper way to determine if frequency modulation is appearing on an AM sig? State two reasons which cause it.
8. What is the proper way to identify from a phone station when operating portable?
9. If you plan to travel from NYC to Miami, Fla., and will operate mobile for the majority of the trip, how many notices and to whom are they sent?
10. Since the carrier is "eliminated" on single sideband signals, how is the frequency maintained?
11. What determines the class of operation (A, B, AB 1, etc.) of an R.F. amplifier?
12. Will the frequency response of the microphone affect the width of your signal?
13. What determines the bandwidth of a phone signal?
14. What is accomplished by pruning your coax?
15. What FCC rule is most often violated by amateurs?
16. If you are operating at 3805 kcs. and receive a notice of a harmonic at 7610, what is the most common trouble?
17. How do you determine the actual length of a piece of coax to be cut to an electrical half wave at 21300 kcs, if it is RG 8/U? How is this useful?
18. What is the highest frequency you can operate on 20M and not extend beyound the band limit, assuming the mode is SSB, the audio passband is 300 to 3000 cps, the suppression is 55db and the transmitter is operated properly, on UPPER SIDEBAND? LOWER?
19. Using your receiver, tune in a lower SSB signal near 7205, observe the width and suppression. What portion of the spectrum is the lower sideband occupying, assuming the signal to be at 7205 kcs and having the same characteristics as above?
20. In tuning an upper sideband signal, with receiver set to upper, and you find as you tune down from the operating frequency, the signal cannot be heard beyond 3 kcs, and then without changing your selector, you tune from the frequency up the band and notice a "broad type" of interference 5 or even 7 kcs away, what is the trouble?
21. When a transmitter is operated in a manner to "flattop", occassionally, what sideband is affected most?
22. What effects will poor suppression have on the sideband being used? on the opposite sideband?

73

K4YSP - (Jacksonville)

The Tampa Amateur Radio Club (W4DU) set-up shop again at the Tampa State Fair handling thousands of radiograms for our Northern visitors. Most all TARC members pitched-in to get out the traffic. Seated before the new 75A4 (compliments of Kirkaid RRadio) we have left to right: Don Fisher, WA4CJG, new president of TARC, Van Patton, W2FEW/4, and Earl Miller, K4HFF, past president of TARC. Congratulations to W4DUG for another exceppent public service. (Photo by K4NVD)

THE INDISPENSABLE MAN

Sometime, when you are feeling important,
Sometime when your ego's in bloom,
Sometime, when you take it for granted
You're the best qualified in the room.
Sometime, when you feel that your going
Would leave an infallible hole
Just follow this simple instruction
And see how it humbles your soul.
Take a bucket and fill it with water:
Put your hand in it, up to the wrist:
Pull it out, and the hole that's remaining
Is the measure of how you'll be missed.
You may splash all you wish when you enter:
You can stir up the water galore:
But stop and you'll find in a minute
That it looks quite the same as before.
The moral in this quaint example
Is to do the best that you can
Be proud of yourself, but remember
There's no indispensable man.

AMATEUR F.C.C. REGS.

"The following amateur regulations are published for your information and guidance. Read them carefully please."

12.82 Transmission of call signs. (a) (1) The operator of an amateur station shall transmit the call sign of the station or stations (or may transmit the generally acepted identification of the network) being called or communicated with, or shall identify appropriately any other purpose of a transmission, followed by the authorized call sign of the station transmitting:

(I) At the beginning and end of each single transmission or;

(II) At the beginning and end of a series of transmissions between stations having established communication, each transmission of which is of less than three minutes duration (the identification at the end of such a series may be omitted when the duration of the entire series is less than three minutes), and;

(III) At least once every ten minutes or as soon thereafter as possible during a series of transmissions between stations having established communication, and;

(IV) At least once every ten minutes during any single transmission of more than ten minutes duration.

(V) The required identification shall be transmitted on the frequency or frequencies being employed at the time and, in accordance with the type of emission authorized thereon, shall be by either telegraphy using the International Morse Code, or telephony.

ALERT HAMFESTERS

The Post Office Department has raised the question of whether the method of distribution of prizes at amateur conventions contravenes the federal lottery laws. The matter will need to be settled through discussions between ARRL General Counsel and the Post Office Department, and undoubtedly will take some time. Meanwhile, no action was taken against the New England Division Convention at Swampscott, Mass. April 27-28th, whose activities somehow came under scrutiny.

Other convention committees should be warned, however, that the question has been raised, and advised to proceed with caution. (John Huntoon - ARRL Mgr.)

QFN

"Q" SIGNALS. . . "Q" signals are designed to save time on CW. There is no need to add extra words in most cases. The signals are complete in themselves. In fact, it is more than a waste of time for instance to say "We are QRU". It's poor grammatically, since the translation of this reads "We are I have nothing for you." Another one heard often: "You may QNX" - "You may you are excused from the net." Silly, Huh?

MESSAGE FORMAT. . . The symbol "Di-Dah-Di-Dah" (.-.-) is not a substitute for the double dash, Dah-Di-Di-Di-Dah (-...-). It is used only after lines within the address. The whole heading and address is sent without punctuation - other than the above - and followed by the double dash to separate from the text. A second double dash is used between the text and the signature. Note: A complimentary ending such as "love", "73", etc., is part of the text. Everything between the two double dashes is counted to get the "check" including the "x's" used as punctuation. The "check" is not an optional part of the heading. It is required for you to honestly count a message in the traffic total you report to the SCM each month. If you recieve a message for QSP without a check, add it before relaying. (Editors Note: One way that we handle the last given instance is by using the double X ray followed by the slant sign and our count (xx/16.) This follows the practice of usage where your count does not agree with the one received despite your best efforts to obtain same. Say that the operator sending you a relay gives you a count of 15 (ck 15). After receiving message and checking you find that it counts out to 18. You pass the message on thusly (15/18 preceeded of course by CK.)

WORDS. . .QFN is not a rag chewing net. Let's have a few less "Words with W4XYZ" and a few more "QTC W4XYZ" listed with the NCS. If you have something to say to another station put it in message form and list with NCS. You get credit for an origination, the receiving station gets credit for one received, the net total goes up one, and we all get lots more practice.

ADVERTISING. . .Whenever you QSO a Florida station you haven't heard on the net, invite him to join us on 3650 Kcs.

QRM. . .Please listen before you transmit when passing traffic off net frequency. Other nets are operating in the vicinity of 3650.

(From Va. Log, K4MXF VSN Mgr. modified.)

TRAFFIC TOTALS

(April, East Florida)

STATION	TOTAL
WA4BMC	1290
K4SJH	508
KA4DMV	488
W4KIS	442
W4TUB	337
W4MIN	256
K4KDN	247
WA4JMP	237
K4BY	184
W4TRS	177
WN4KKW	151
WA4GBM	135
K4COO	131
W4EHW	106
K4NVD	101
WA4COR	101
W8LDU/4	96
WA4AMC	78
WA4BGW	73
W4BKC	64
K4LCF	58
WA4GDS	52
W4GUJ	39
K4DAX	37
W4LMT	35
W4QVJ	33
K4DBT	30
WA4CJC	28
W1AGM/4	28
W4OGX	18
W4ZZZ	15
WA4FGE	16
WN4IXF	14
K4MTP	14
W4ZJZ	9
K4OAC	9
W4MZR	4
WA4HIN	3
W4CMK	2
W4KRC	2
TOTAL	5772

Late March Traffic Reports

STATION	TOTAL
W4TRS	208
WA4GFE	138
W4DVR	62
WA4AMC	55
WA4GDS	33
WA4LHK	27
WA4JYB	25
K4OAC	25
W4EAT	23
K6SXX/4	15
WA4CNZ	11
WN4IXI	8

HINT AND KINK

A quick and easy A. C. hum locator can be made from two old earphones and some insulated wire. Wire the two units in parallel with two lengths of wire about three feet long. Twist the wires, and by placing one unit to your ear and using the other as a probe, the source of hum in your equipment can be quickly and easily located.

R. Frederick K4UGC, Miami

WN4KGB	3
TOTAL MARCH	633

(April, West Florida)

STATION	TOTAL
K4VFY	886
K4ZWD	180
W4MLE	100
W4BVE	84
WA4FIJ	51
K4BDF	25
W4WEB	17
W5BJG/4	13
TOTAL	1356

SILENT KEY

W4ARX, Keith C. Mathis was born in Tifton, Georgia on March 29, 1908. He became a silent key at the March AFB Hospital Riverside, California on March 26, 1963. His body is returned to Bradenton for burial. His wife, Kathrine will return to Riverside, California to live with her daughter whose husband is in the U.S. Army Air Force.

When he was a young boy his family moved to Panama City, Florida where he completed his education. He served in the U.S. Signal Corps and as operating engineer of a Broadcasting station in Albany Georgia. He received an award for his activities in Albany when a cyclone hit that city. See June or July 1940 QST for report on him.

He was a member of the MARS and several traffic nets. He moved to Bradenton, Florida in 1945. For a number of years he was in bad health due to asthma and diabetes.

He is survived by his mother, wife, a brother and sister and a daughter and four grand children.

Dan K4ILB

THE OM SPEAKS

It seems everyone is speaking out on the Cuban Situation these days. One wonders which is worse, the "War" or the "Situation". Ex-President Truman says, "In an open society, such as ours, it is natural for people freely to express their opinions or in other words sound off". This does not give us license to condemn the people or country of Cuba, but as Truman pointed out in a copyright story to the N. Am. Newspaper Alliance, recently, "The Cuban people have been beset with internal problems almost from the time Cuba was discovered by Columbus." In other words, this is nothing new. . .they have a problem, that perhaps, lies within the very people themselves.

We as Radio Amateurs, and "should be brothers under the skin" may just have the answer to their problem. For many years in the early days, we plagued the Navy and Commercial stations with our broad-tuned sparks. With the passage of the Radio Law of August 12, 1912, we began to see the light of day and soon our most thoughtful and unselfish friends, H. P. Maxim and C. D. Tuska (Bless their hearts) got together and organized the A.R.R.L. to better the amateurs plight and make him understand how to live with other people. It is too bad Cuba did not have leaders of this calibre.

CW hams remember with disgust the "Cuban Phone QRM" in the 40 meter CW band. "It was Legal?" you say. Yes, it was legal, but only for selfish reasons. Surely, if 48 States could get along together with common frequency assignments without a noisey fracus, ONE MORE could have joined us if they wanted to.

Yes, I have tried to understand the "South Americano", I have studied their language, I have traveled their paths, lived in their country, and worked for them. As individuals they are all very loveable people. In a group this can be another matter. Why, just the other day, in a routine attempt to park in a marked parking area, a smiling young Spanish Miss cut me off at right angles with a midget sport car, and advised me it was up to the "Man" to be polite to the "Woman". I was so flabbergasted, even with all my Latin American experience to answer her in her own tongue. I backed out and allowed her to squeegee around until she was properly parked in my stead. After all, as she said, "I was here first", and it don't matter how she did it. We must smile at these acts of selfishness and try to teach these people American politeness in every-day life.

My personal contacts with the refugee ham, since the communist invasion of Cuba, have been very interesting. Before I get too friendly, I remind him of the 40 meter QRM of by-gone days. NOT ONE EVER OPERATED PHONE IN THE USA CW BANDS. This is wonderful, I say. At last we understand each other. We must understand that it is not the individual Latin American who is at fault. International Law allows them the choice of band division according to their own local dictates, provided the limits of the amateur band assignments are upheld. As individuals, they are in 100% agreement with our frequency assignments and our divisions. Taken as a group they, are very quick to counter, "We are Legal". So we can only smile, and say, "Yes, you are right".

We must be ever conscious of our own politeness for we set the example in our every-day life. We must convince our many Latin American visitors that we are friends and want to help them. If he insists on breaking the "Rules of the Road", remember he is not used to rules such as these. There was a day when we too, said, "Every man for himself with me first!" Now it is not too much to ask. In every way LET US HELP THAT LATIN AMERICAN. Remember, someday many of them will return to their father-land. Someday our help will be remembered. Painful, hateful things are soon forgotten. Sunshine and happiness linger on forever. "The Cuban Situation" may be God's scheme of things to strighten out BOTH you and I, for after all I m not so proud of us, are you?

The Old Timer

NO NATIONAL ANTHEM

The FCC denied the petition of W6RNC which had requested amendment of our rules to provide that amateurs might transmit our national anthem at the beginning and end of each day's operation. (Huntoon - ARRL)

DADE RADIO CLUB

MEETING ROOM. QTH's still alternate between Dade Federal Savings Bank, N. W. 36th Street and the cozy Florida room of W4LVV. The faithful gather on the 2d, 4th Tuesdays, with door prizes plus coffee - and. . .still being featured.

DOOR PRIZES. Are donated by Amature Radio Center, Electronic Wholesalers, and Walder Radio, respectively, for which we are appreciative.

MISSING HAMS. If anyone comes across Ted Schemp K4OMY, Dick McCoy WY2PO, Dick Milberg, WA4BYS, Charlie Gilhofer W4VGT, Mike Thursby K4ZEA, and others who are noticeable by their absence at the Club meetings, please bring them in tow at the next meeting, accompanied by one wrapper from a can of Hadacol, and claim reward.

STOCK MARKET. Wizardry has netted J. P. Dick Jones W4BTM some of the Collins S line. See Dick for tips on how to enhance your shack.

ORLANDO HAMBOREE. Some of the clan who made the trek up North were Chuck W4LVV and XYL, Carl W4DTJ and Ethel W4WYR, Jake K4PFB and Marie WN4LMG. . .and others whose names have not been given to me. Somehow the word trickled back that the highlights of the Hamboree were centered on the seventh floor of a certain hotel where most of Dade's visiting firemen were quartered.

FIELD DAY. Coming up fast, and Dade Radio's best are warming up in the bullpen. Some of the hottest operators in the Club expect to add to their laurels this year.

TROPICAL HAMBOREE. So Soon? Yep. Spring training always predates the main season, and accordingly, the Dade Radio Board of Control met at the Gauzen's QTH with some of the local distributors to hash over the usual prelims and problems. For the uninitiated, please be informed that preparations for Tropical Hamboree is a year-'round sport with Chuck W4LVV, Jake K4PFB, Pres. Jim Bonnell W4EDP and the Gauzens carrying the ball most of the time.

JIM BONNELL W4EDP, present prexy of Dade Radio Club, is handling the job with all the skill and aplomb of a professional. Why not? Jim had this honored position back a few years in what was once the largest state in the Union, and, did a fine job there, too. Jim is a genuine home-brew exponent of the art, and will often sniff at those of us who dote so much on SWR ratios. Jim feels that one should load up a clothesline and as long as the signals get out that's all that counts.

73

JACK WACHER W4OBA

ORLANDO RAMBLINGS

Hal, W4BKC

A combined Orange County, Brevard County Civil Defense exercise, to test the communications facilities was held Friday and Saturday, May 10 and 11. Starting at noon on Friday with a practice alert from NAWAS of an impending attack near the Cocoa Area.

The exercise progresses thru the attack phase and post attack phase until midnight Friday. Saturday at 7 a.m. presuming it is two days later; all the attendant problems pertinent to that aspect were passed to the various services, city governments, political subdivisions and state offices to ascertain the reliability of communications under similated attack and post attack conditions.

Difficulties are anticipated but without a full scale exercise of this scope, except under actual attack conditions there is no other method of ferreting out possible areas where some improvements could be incorporated to expedite the smooth handling of traffic.

Wes, K4KRG and the gang have worked real hard getting the communications trailer set up for the exercise at the relocation site in Apopka where General Betts and his staff will direct the entire project, simulating as far as possible actual attack and post attack conditions.

Wes K4KRG and his Field Day Committee including Clarence W4TVR and Jess W4CLJ are working out the numerous details of this event.

Do you think you can stop on a dime under normal conditions at 20 mph. Reaction time carries you 22 feet and the braking distance is another 22 feet. At 30 mph total stopping distance is 93 feet and a 40 mph it's 132 feet At 40 mph you will hit an object four times as hard as you would at 20 miles per hour. Think it over.

See you in Field Day. Look for W4PLB.

WESTERN FLORIDA NEWS

Frank M. Butler Jr., W4RKH

Pensacola: Traffic men and AREC members met with the SCM and SEC to discuss plans for increased traffic net participation and closer coordination between VHF and HF activities during emergencies. Attending were WA4BYI, K4DDD, W4JLW, W4OOW, K4QOJ, K4RSE, W4RWY, W4SRM, W4UUF, W4VBU and K4VND. Monitoring of 29,560 kc led to an impormptu picnic by W4FRJ, K4DDD, W4VBU and K4BZJ.

The NAS Club new officers are: Pres., WA5CVY; V. Pres., W3TNU; Sec'y., K4FOG; Trustee, W4SRM. Sixth Naval District is planning a disaster setup, with ham participation. WHF Club has contests going to stimulate use of club station, W4PBC. Contact W4EQR for details. K4FTI has picked up some good DX on 2m.

Fort Walton: W4ZGS was appointed OBS and VHF-PAM. He found several band openings on 6 and 2, with Canada and Mexico best DX. New 2m stations are W5RHE/r, W9AUQ/r and W8DCU/4.

Panama City: WA4FIJ/FJF also report good 6 and 2m openings. K6PSJ/4 is new on 6m. Wa4FIJ is modifying Heath Tower for DSB. WA4GJO has new 6 m converter and is converting AF-67 for 6 m. K4LIX is on 2m now. During recent tornado activity, 22 stations checked into WFPN special session.

Port St. Joe: W4WEB has ART-13 and Super Pro from the business QTH.

WORDS OF WISDOM

Many people who stand up vigorously for their rights fall down miserably on their duties.

Bread is the staff of life, but there is no reason why your life should be a continual loaf.

There are many more trapdoors to failure than there are short cuts to success.

There is still the land of opportunity. Where else could you afford to spend so much for so little.

The only voice a man has in the furnishing of a home is the invoice.

You can tell some fellos aren't afraid of work by the way they fight it.

It's true that you can't buy happiness with money, but you can't buy groceries with happiness, either.

TIP'S TIP'S

W4GJI

Maybe you are thinking of getting a 62S1. If so, then perhaps a few random notes from practical experience will be worth considering - just in case.

This unit is a 6 and 2 meter VHF transmitting and receiving converter covering the ranges from 49.6 - 54.2 MC and 143.6 - 148.2 MC in 200 kc increments providing that the associated transmitter and receiver cover from 14.0 - 14.2 MC. This in itself is a large order, and if you ever build a Seneca you know it for sure before you ever add in SSB and transceive operation.

The Xtal oscillator is a 12AT7 which provides a range of 4.6MC on both 6 and 2 meters, using 23 Xtals to do so. This is a tube that has always merited distrust where ever it is used. In the 62Sp it checked bad after the first hour and was replaced with a 6201. However, again we have the Collins favorite - the 6U8. One side or the other of this tube seems to burn up like birthday candles. The triode of a 6U8 amplifies on 6 and the pentode serves as an oscillator mixer as well on 2 to provide the required injection frequencies. You can then readily see that these two tubes are the heart of the operation. No grind drive - check the AT7; apparently resonant drive to the 4X150A but no receive on the tuned frequency - check the 6U8. Indidentally, this tube is placed so that it takes a contortionist to remove it.

Following these are a 6CB6 buffer and amplifier and a 6ER5 transmit mixer. In our set the buffer showed a dead short and the mixer had grid emission. However, we all know that with the tubes available today this can happen in a matter of minutes, but the importance in VHF of knowing right now indicates the value of a good tube checker close at hand.

Each unit will doubtless have its own little kinks. In ours the exciter tuner would not hold grid drive on 6. We found that this control involves vernier tuning by means of three pulleys with catgut which was exceedingly taut. A little stretch relieves pressure. The book cautions us to make sure that the band selection lever is firmly against the stop. Well, we could not get excitation on 2 and that's when the tube checking started. Even with this remedied we still had no drive. Remembering the Seneca we decided the trouble had to be in the linkage. All checked out until we inadvertently discovered that when the lever was firmly against the stop it slipped by just enough to lose contact on the switching wafers.

The cabling is such that the marking of each cable is most wise as a start and the performance is worthy of exactitude naturally since so many factors are involved, but with Collins gear associated it is relatively a simple task if completed with care. The bias adjustment is simple but, contrary to the book, it needs rechecking if one performs any amount of frequent changes from 6 to 2 HF. Also, the associated grid threshholds must be carefully watched accordingly, for the VHF grid must take hold ahead of the exciter. In the best of equipment there will be these little bugs to iron out, but when this is done with this gear - brother, you have a remarkable engine working for you. You'll find the reports on the SSB signal graciously envious on either band - but especially on 2 meters. As for your reception - well, sir, it is simply downright good.

For those who perhaps wonder what effect extraneuos gear might have we mention that we have the 62S1 associated with a KWM2 - 3OL1 - 312B4 and a scope in the line and it is truly kosher throughout. Incidentally, the phone patch operation is tops and if you really want to know how we feel about it - well, the 62S1 is also tops in caps - like TOPS.

One word of caution -- when the book says "WARNING - be sure to pull the switch before making repairs" be sure they mean it for in this gear there is voltage all over the place!

May your tubes run cool!!!

ST. PETERSBURG AMATEUR RADIO CLUB

SPARC and the Suncoast area was one of the best represented areas at the Orlando Hamfest. Also the Floridoras from St. Pete and Tampa turned out in full force. Congrats, K4MFF-Cappy, Largo, winning 1st prize. Space does not allow listing all those present. The next main event was the SPARC Hamfest, Sunday, May 12th at Phillippi Park, about which will be reported in the next month's column of SKIP.

At last there is a new YL to be heard in St. Pete next September as Frances Adams (XYL of W4NOK), finally received her call of WA4NFA (Nice Florida Amateur), after returning to New Jersey for the summer.

It is with regret that we learned that K4EAC-Hilda is resigning as Net Manager of the Suncoast Net, however, we wish her success in the undertaking that has made this move necessary. Thanks a million, Hilda, for the fine job done and we know your successor, WA4EDL-Nancy, will carry on in the same way. We'll be looking forward to your return to "The fold".

W4TXX-Gene and K4CUY-June (his XYL) finally surprised the gang when they arrived from Rutledge, Tenn. for a short visit in St. Pete. Gene and June are former members of SPARC and have been trying to return here for a visit for some time, but accidents, etc. always prevented. They plan to return later in the summer for a little longer stay.

K3LFZ-Esther and her OM, Dr. Henry Ray, are visiting her Mother. Esther was also a former SPARC member before they moved to Levittown, Pa.

Space is running out, so we'll see you next month and in the meantime hope to see you in person at the Hamfests.

73

Cathy, W4BAV

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HAM EQUIPMENT — KITS — TEST EQUIPMENT
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DISCOURSE ON MODIFICATIONS

Bill K4UYN

It becomes necessary in cases suggesting modification from the normal or usual to evaluate fully the existing situation or condition objectively in order that the modified becomes more adapted to the specific desires, needs or fancies of the assignee, owner or user.

The XYL has suggested that there are certain traits in her OM she would like to overcome. Precisely, she feels he's lazy. For kicks, let's analyze the postulate presented by the XYL:

The OM is: 1. Purely resistant to work. He has what might be termed a high resistance factor.

2 Highly inductive to taking-it-easy; Objectively, this would indicate that the inductive factor mentioned in item one above.

3. Primary Overload: This refers of course, to the waistline and is a result of disarrangement of the molecular structure in this area.

4. Excessively coupled: Too many nets, too many emergency drills or general haming during "at home" hours, requiring extended periods of pressure on the brain center, to say nothing of the calluses formed in this area.

5. No output: We all know what this means. . .Don't we? Course we do.

Now that we have examined the XYL's problem, let's see what might be done to aid and abet her.

With some OM's it is only necessary to short out the resistance to work factor: Example, make him think he's having a bang-up good time when he's mowing the grass or working in the yard. You must brain wash him into thinking that the work around the house is so much more rewarding than talking with Toots 5H3 in South Africa when band conditions are at their worst. If this doesn't work with your OM, then try the inductive approach.

An example of the inductive approach might go something like this: The XYL drifts into the ham shack while the OM is operating and begins a little casual conversation. Soon, in a matter-of-fact manner she relates how she has observed the new lady next door working in her yard. Then further, how she does not think that woman looks very nice out their in a bikini swim suit and finally that the blond hair doesn't look for real. (Note to XYL) Keep the traffic lane clear, put the garden tools you want hubby to use right in the doorway. . .after all, you do want hubby to work, don't you??? XYL Honey. . .if the inductive approach did not work, you are in real trouble.

To overcome the overload condition referred to above, the XYL must use ingenuity, and initiative to stimulate a program of daily exercise for the OM. One suggestion may go like this; Give a neighbor boy a quarter, a pair of pliers, a straight pin, and instruct him to climb the OM's tower and stick that pin through the large black wire that goes up the tower to the OM's favorite beam. To assure plenty of exercise, have the boy trim off the two protruding ends of the Pin. The result of this skulduggery is the almost continuous lowering and raising of that tower to isolate the trouble to the feed line, and just think of the exercise. . . all in the interest of good haming.

Situations indicating your OM is excessively coupled to prolonged net and drill activities is somewhat of a simple thing to overcome. You must concede that the OM is fond of operating, So give him something to operate on. First, if you have a ticket, you are all set; if not, study hard and get one. The OM will help you. After you have gotten your ticket, arrange to spend a few days out of state with your mother. The OM will want to keep in touch, so he will procure a rig for you to take along. The rig will be complete with portable antenna, and easy-to-follow instructions for setting up. After you have arrived at your outpost, get some rest so you will have plenty of stamina, then arrange a new schedule through one of the OM's nets, selecting those times he normally sleeps or rests. You know the rig is working OK, but you let the OM know that your modulator has gone out which that you will have to use the key you took along "Just in case." Now, with a copy of "Gone With the Wind" at your operating position, you are all set to give the OM all the operating he will want for months to come.

No output, means no output. You have tried each of the solutions discussed in the postulate formed. If you have failed to adapt your OM to your specific desires, I must suggest you be content with what you have, for he is not one to be modified. If, one the otherhand, you did succeed, my many and gracious thanks to you, for now I am able to get out on Forty Meters with much less than two and a half kilowatts!!

73 K4UYN

NEW SAMS BOOK SHOWS HOW TO BUILD DOZENS OF HAM ANTENNAS

For the many amateurs who like to construct their own antenna gear, and for those interested in getting into the fascinating field of ham radio, here is a practical guide to building and operating many types of ham antennas.

In addition to complete details on many useful and interesting types of antennas, Ham Antenna Construction Projects, by J. A. Stanley, includes full information on long-lasting construction methods, as well as how to position antennas to achieve maximum distance with a given radiation pattern, Easy-to-understand technical information on tuning antennal and the use of test equipemnt is also presented.

Although the antennas described in this book cost little to construct, many will out-perform some of the ready made antennas on the market. By using parts already on hand (wire, 2 x 4's, insulators, etc.), the reader can build radiators that will allow him to DX places like Singapore, Moscow, Berlin, and the North Pole.

All the information needed to obtain distant contacts is here--covering both horizontal and vertical antenna types, transmission lines and connections, methods of construction, and methods and equipment for tuning antennas.

Nine Chapters include: Basic Horizontal Antennas; Basic Vertical Antennas; Using Antenna Test Equipment; Multiple-Element Beam Antennas; Vertical Beams; Special-Purpose Antennas; Compact Indoor Transmitting Antennas; Long-Wire Beams; VHF and UHF Antennas. A complete Glossary and Subject Index are also provided.

Ham Antenna Construction Projects is available from electronic parts distributors and bookstores throughout the country, or from Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. $2.95.

DX IN FLORIDA

by C. J. Bolvin, W4LVV

With a slight change in the basic content, we have decided to reactivate this column after several months "vacation".

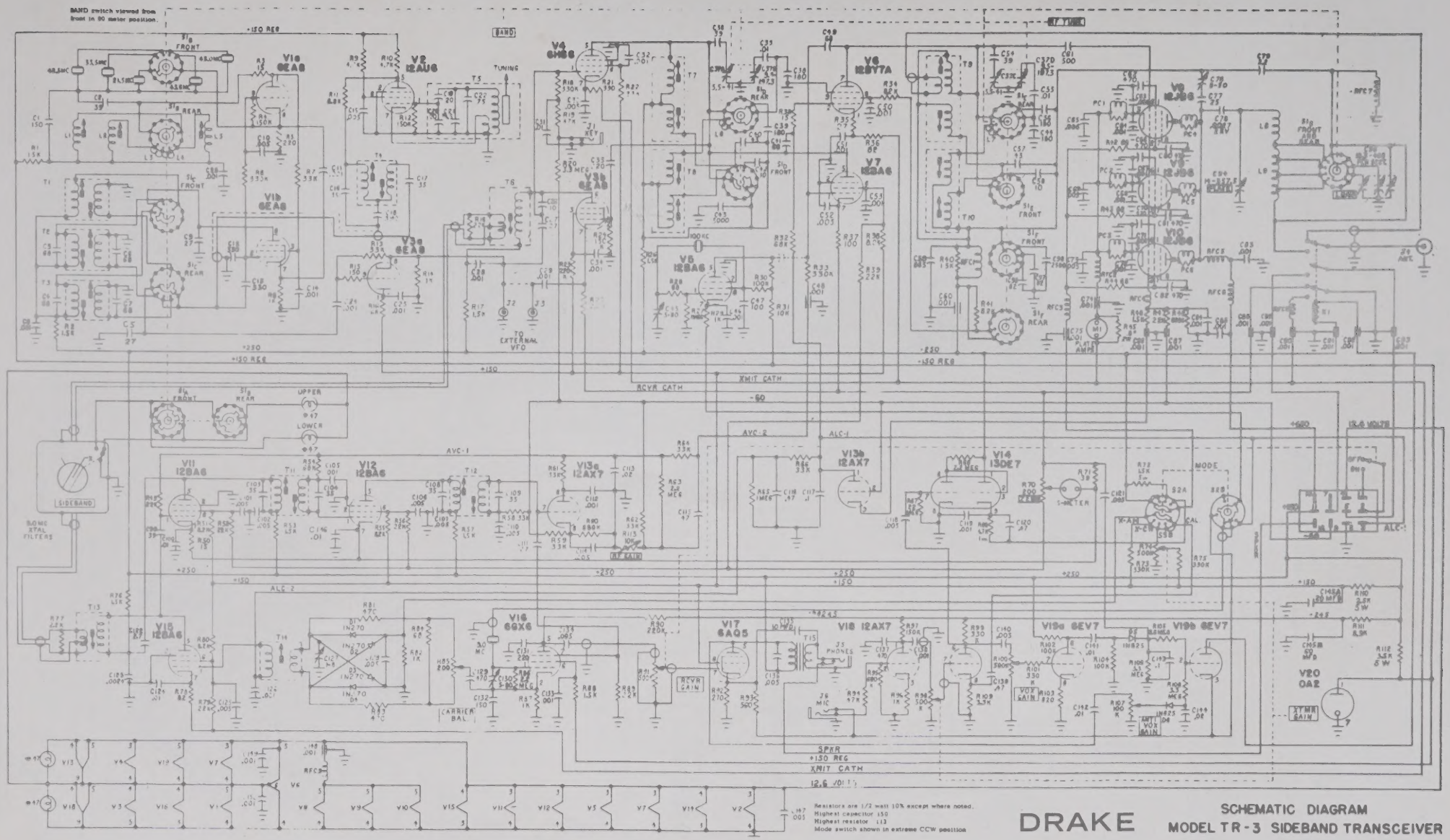
To the DXer with a high DXCC score, any news of rare stations, band conditions or "QSL route" more than 24 hours old is likely to be "cold potatoes". For such spot news items, there are several weekly, monthly, or intermittent special publications which do a much finer job than we could even hope to produce in the space and with the publication schedule available. However, there are dozens of embryonic DXers who are still trying to find out how to get even the first DX card, dozens more who are wondering why they can't seem to work DX stations, and even a few "accidental DXers" who aren't even sure whom they worked!

The next few columns will be pointed toward you who fall in one of these groups. Like most columnist/editors, we are not overly ambitious so questions from you, on any DX subject--time, frequency, antennas, rigs, receivers, QSLs--will be most welcome.

With the summer months, the "dead" ten and fifteen meter bands come to life again occasionally and many newly licensed Floridians will be working their first European, African and Asian stations. Some will find they have Worked All Continents (WAC) and will want information on how to get the qsls quickly--or perhaps, info on how to get the award.

We may have some readers who would like to work DX but have limited time. For these, if enough are interested, we might have a "best band and time for the month" box. (This would probably have all of the accuracy of the Farmer's Almanac!)

We would like to hear from anyone who has solved the problem of designing an effective antenna which has low cost, can be put up easily by one person--preferably a weak YL--is not an eyesore, fits on a very small backyard, and has at least six DB gain on all bands from 80 thru 10! We would even be satisfied if the antenna met MOST of these conditions, and we are sure that many readers would want to hear about it. Please send all contributions direct to W4LVV.



DRAKE

SCHEMATIC DIAGRAM
MODEL TR-3 SIDEBAND TRANSCEIVER

PROCLAMATION

State of Florida
Executive Department
Tallahassee

WHEREAS, Florida Amateur Radio Operators give unstintingly of their time, talents, and energies to provide emergency communications whenever and wherever needed, and

WHEREAS, foreswearing all considerations of monetary and material gain, amateurs, individually and collectively, have contributed significantly to the advancement of the state of the art of communications, and

WHEREAS, through their voluntary activities, amateurs through Florida and the United States have made significant contributions toward the maintenance of international good will between the United States and the world, and

WHEREAS, purely for unselfish personal reasons, amateurs have aided and contributed to the rehabilitation of blind and otherwise handicapped persons, procured medical and other assistance for the isolated and desperate in all parts of the world, and

WHEREAS, amateur radio operators in Florida and elsewhere have strengthened the bonds to their homes for thousands of service men stationed in the Arctic, Antarctic, the remote tracking stations, scientific exploring parties and military bases all over the world, and

WHEREAS, Florida Amateur Operators stand ready at all times to go to the aid of the nation in case of national emergency;

NOW, THEREFORE, I, Farris Bryant, by virtue of the authority vested in me as Governor of the State of Florida, do hereby proclaim June 24 - 30, 1963, as

FLORIDA AMATEUR RADIO OPERATORS WEEK

in Florida, and call upon the citizens of this state to join with the Amateur Radio Operators in observance of this week with appropriate exercises to further and stimulate interest in amateur radio.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed at Tallahassee, the Capital, this 24th day of April, A. D. 1963.

GOVERNOR

ATTEST:

SECRETARY OF STATE

HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any items listed in this column.

FOR SALE — Pair of HF-300, 4 — 125-A, $10 each. Pair of 805, $5 each. Three 35T, $3 each. Six 6L6 Metal, 75¢ each. Collins 455-J-31 Filter, $35. All above new in FB condition. Following used AR60 RCA receiver, $35. BC221 Freq Meter with calibration book, $35. GR Variac, 115v 60c 5 Amp, $7. GR Variac, 115v 60c 1 Amp, $5. National MB — 150 Allband Tank, $8. Orville B. Winterstella, W4UXQ, 11504 N.E. 11 Place, Miami 61, Florida.

FOR SALE — Selsyn Motors and Indicators, some extra heavy, 115 volt AC. Wiley Gilkison, W4WSJ, 1830 N. 46th Avenue, Hollywood, Florida. Phone 987-5724 or Miami Phone FR4-4101.

DO YO UNEED — a 2-meter Net frequency Crystal? Type Z-9 miniature sealed with half-inch spacing, 145.26 mc fundemental 8070. The HAM SHACK, 2211 NW 36th Street, Miami 42, Fla. NE5-0378.

FOR SALE — Tri-band beam. Early model Hy-Gain 10,15,20 meter three element for $20, fob, Dr. Louis Persons, W4PJG, P. O. Box 1807, Ft. Myers, Fla.

FOR SALE: 1—General Radio "Variac" 230 volt input to variable 0-270 volts at plus 20 amps. (50B). Excellent condition. $50.00. S. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

WANTED: Mobile Transceiver SSB all bands. Also have miscellaneous equipment — sell or swap. Phone between 7:30 - 8:30 a|m| HI6-1233. E. S. Gould, WA4BAK, 3685 SW 26th St., Miami, Fla.

WANTED: Motorola F.M. Transceivers and transmitters, 150 to 174 M.C. frequency range. Ex-police car or taxi units acceptable. Joe Stemper, WA4BZB, 720 SW 6th Ave., Miami 44, Fla. MO5-7546.

Experiment with UHF. Get on 1120 Cc easily and inexpensively with my APX-6 Transponder. Ready for conversion as in June 1962 issue of "VHF Amateur" magazine. APX-6 in excellent condition price $20.00. Neal Atkins WA4EWY, 6565 Santona St., Apt. 9, Coral Gables 46, Fla. MO6-4676.

FOR SALE: 2-48 mfd. power factor correction condensers. Rated 990 vols a.c. work well at 3500 d.c. very low leakage. @ $35.00 each. E. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

FOR SALE: Collins Speaker 312B3, matches S-line like new $15.00 6 meter beam, cushcraft 5 elements $10.00. Heli-whip 6 meterwhip and mount $10.00. Johnson Rotomatic rotor and indicator with cables, perfect condition, make offer. Saul A. Cohen K4ACJ, 4524 Michigan Ave., Miami Beach 40, Fla. Ph. JE1-9782.

FOR SALE: 2 meter Hallicrafter HA-2 SSB transverter with supply. Looks and performs in mint condition. Original cost $450.00. Pickup my OTH $290. Bob Hope W4GWFT, P. O. Box 96, Loxahatchee, Fla. (near West Palm Beach)

WANTED: B&W 950A inductor, 7.5 volt, 21amp. filament transformer. 1,000 or 1,200 pufd variable capacitor, one model 29 and one model 1329 Simpson 0-1 ma. DC meter. Larry Kleber K9LKA/W4CPD, 922 Whitney Blvd., Belvidere, Ill.

SWAP OR SELL: Hallicrafter SX 101, perfect condition, $285.00. Want Elmac, Drake, Viking Ranger or what? Doug Rice W1FOX, 708 N.E. 4th St., Fort Lauderdale.

Patient: "I don't seem to remember things anymore."
Doctor: "How long has this been going on?"
Patient: "How long has what been going on?" (BISON)

FOR SALE: Collins Radio — TCS-12 Receiver & Transmitter & Power Supply. 1.5 Mc. to 12 Mc. VFO controlled crystal. Covers marine bands. Also Collins Radio Receiver MFB for 6 meters self contained power supply, 115v. a.c. C. S. Wells, K4BNM, 7530 SW 134th St., Miami 46, Fla. CE8-1403.

FOR SALE: 1—Dumont model 2/4 scope with good 5" tube. Excellent transmitter monitor and receiver alignment device. Cost over $250.00. $50.00, S. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

FOR SALE: Homebrew 30 watt 6 meter mobile transmitter with control box, wired for push-to-talk, pair 2E26's $25.00. Blonder-Tongue Distribution Amplifier, Model DA8-1-M, excellent condition $25.00. Superior Instruments Co. Model 82A Tube Tester, emission type, excellent for catching shorts $25.00. Ken Boynton, W4ZJZ, 106 SE 49th Dr., Gainesville, Fla.

FOR SALE: Selling out complete ham gear — Viking II with Viking VFO, lo wpass filter, ant. relay, HQ140X Receiver with crystal calibrator and Q Multiplier, Ham Console Desk, 32' Spaulding Tower, CDR Rotor, G4ZV Ant., Heath AM-1 ant. impedance meter, Heath GD-1 Grid Dip Meter. Now set up and in perfect operating condition. Asking $350.00 for complete set up or best offer for any part. Sorry can't ship. Russell T. Barndt, W4TCW, 11759 New Oakhurst Rd. (78th Ave. N.) Largo, Fla.

FOR SALE: Several A.C. Blowers, high powered triodes (1500T, 8002R, etc. low capacity grounded grid fil. trans. 5 - 16 volts @ 50 amps.) S. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

WANTED: Old time radio and broadcast gear for personal collection. Also National SW-3. State condition and price. Earl Carter W4HYN, 260 Westward Dr., Miami Springs 66, Fla. Phone 888-7442.

FOR SALE: 100 kc calabrator with tube, standby switch, color code cable, less extal $4.00 postpaid. Jensen 12 inch enclosed high fidelity speaker $4.00 Brand new Raytheon 4D22 $3.00. Westinghouse Dynamotor, 6 volts in and 600 vdc at 155 ma out. $3.50. 4-PDT 110 v.ac. heavy duty relay, new. $2.00. All FOB. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, Fla. Phone TU8-3874.

WANTED: All Florida Old Timers write for info on the Blue Book and the Spark-Gap Times published by the OLD TIMERS CLUB. 408 West View Ave., Chattanooga 11, Tenn.

FOR SALE: First certified check or money order for $150.00 gets a good spache. You pay freight. Also have lots of other stuff that I must sell — send for list. Kris Krysaiak, 532 Rainbow Ave., Sebring, Fla.

FOR SALE: Drake 2B, A-1 condition $225. DX-100B with SB-10 now on air in excellent condition. Both for $215.00 Will sell all for $450.00. Ron McPherson WA4KPT, 446A E. 32nd St., Hialeah, Fla. Ph. 696-6970.

FOR SALE: Variable voltage transformer, 0 to 130 Volts and 20 Amperes. Condition as new, make offer. H. T. Colr, K4YCX, Micanopy, Fla.

FOR SALE: 1-HRO-60R with calibrator, combination speaker-coil storage cabinet, 8 coil sets covers down to 50 k.c. Thoroughly checked and guaranteed perfect condition. $300.00. S. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

WANTED: Coils for the HRO-5 receiver. George Bitterman, W4QDD, 2731 SW 14 Street, Miami 45, Fla. HI 6-6337.

FOR SALE: Factory wired Johnson Viking Navigator $130. Globe Chief DeLuxe $50. Jim Frison, K4JWM, 510 Raven Ave., Miami Springs 66, Fla., TU 8-9964.

FOR SALE: 1 Collins KWS-1, late production, serial over 1400. 4-X-250B tubes. Looks and performs like new. Thoroughly checked out and guaranteed same as new in operation and appearance. $800.00. S. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

FOR SALE: Collins 75S1 mint condition $300.00. Johnson Pacemaker SSB $175.00. Will demonstrate. Harold "Cap" Grisby, K4MFF, 11613 - 108th St., W., Largo, Fla.

FOR SALE: Complete station, Collins 75S3 receiver, late HT37 exciter, Warrior Linear, less than year old, MM2 analyzer. Best offer above $995.00. Can be financed. Harvey Barton, W4RP, 327 Park Ave. S., Winter Park, Fla.

FOR SALE: 1—Heavy duty plate supply transformer. 115/230 volt primary, 2500-0-2500 volt sec. @ 3 amps. A brute, and "Weighs a ton". Cost over $300 at present market. Steal it —for $35.00. S. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

FOR SALE: 1 Collins 75A-4, serial over 4000. Has 6, 3 and .5 filters. Perfect in every respect and guaranteed. $450.00, S. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

FOR SALE: Heathkit Apache 10-80 meter Transmitter $225; Seneca 6 & 2 meter Transmitter $150. Both in mint condition. Also brand new Ameco Nuvistor 6 meter Preamplifier, cost $14, sell for $10. Motorola "Weatherama" transistorized receiver — covers 200 to 400 kc aircraft and weather band and broadcast band, cost $79, sell for $35. Also AOPA aircraft weatherband and AC receiver $25. Both in excellent condition. Stan Bittner, W4JKK, 3081 Mary St., Miami 33, Fla.

WANTED: All VHFers plan to attend the annual VHF picnic, September 8th, at Peace River Park, near Bartow and Leesburg. Bring your own lunch, prizes. More details next month. — K4GOX.

WANTED: ID-6-B/APN4 with CRT and shield and xtal. Other tubes not necessary, unmodified if possible. Bud Frazier, W4-RNV, 8490 SW 92 St., Miami 56, Fla. 271-4939.

FOR SALE: HQ-170C receiver, like new. $275. Collins mechanical filters 4, 3.1, 2.1 and .5 kc $30 each. W. H. Phillips. W4CEY, 125 Sun Rd., Indian River City, Fla.

FOR SALE: 1—Gates "Sta-Level" Broadcast type compressor type amplifier. Cost over $250 and like new. $100.00 S. E. Adcok, W4GL, 1340 NE 103 St., Miami 38, Fla.

FOR SALE: Heathkit Cheyene MT-1 80 thru 10. $85. Gene Starr WA4JBD, 314 Laurie St., Eau Gallie, Fla.

WANTED: Old time radio and broadcast gear for personal collection. Also National SW3. State condition and price. Earl Carter W4YHW, 260 Westward Dr., Miami Springs, Fla. 888-7442.

FOR SALE: 3-1000 All band Grounded Grid Final, fully metered, 6000 volt power supply, 200 volt primary with variac control — Best price over $150. Bob Frietag, W4FH, P. O. Box 700, Delray Beach, Fla., 276-6571.

FOR SALE: HO110-C excellent condition, looks and operates like new. Can be persuaded to part with it for $160 hard cash. Jack Wacher, W4OBA, 37 Samana Drive, Miami 33, Fla., FR3-0934.

FOR SALE: Automatic key fever, for electronic keyer — used very little — excellent. $12.00 postpaid. For Guin, Jr., W4RLS, Box 26, Russellville, Ala.

FOR SALE: 1—Collins KWM-1 with A.C. Power Supply. One of the last Collins production, serial over 800. Like new and guaranteed perfect. $450.00, S. E. Adcock, W4GL, 1340 NE 103rd St., Miami 38, Fla.

FOR SALE: 1 Knight T-60 Transmitter in good condition. Less than 1 yr. old, $40 cheap. Bill Turner, WN4JXC, 1435 - 35th Ave., Vero Beach, Fla.

FOR SALE: Central Electronics MM2 scope in good condition $50. SX100 in new condition $225. Have several types tubes, 4-400A's, one 4-1000A, 6146's, 810's, 807's and 813's. If interested make a reasonable offer. Have brand new HT37 in unopened box. All offers considered. Bob Cole, K4LZW, 4708 Wisconsin Ave. Tampa 16, Fla.

FOR SALE: Central Electronics 20-A. Factory wired like new in original carton. BC-458 VFO converted for operation of 80-1' meters all for $150.00 cash and carry. Ray Edenfield K4PKC, Coral Gardens, Stuart, Fla., phone AT7-3413 after 6 p.m.

COMPLETE mobile station. Elmas AF-67 (160 meter band now on 6), PMR-7 James C1470, Webster Bandspanner whip, Shure PTT mike, cables and speaker $250.00. SX-101-A with R48B matching speaker $275. 20A SSB exciter with QT-1 and ARC 5 vfo $150.00. Will trade whole works for a late model Lowrey organ. Art Raynor K4GOX, 2180 E. Mann Road, Bartow, Fla.

WANTED: ECs in following counties: Baker, Bradford, Citrus, Flagler, Glades, Gilchrist, Hardy, Hendry, Hernando, Marion, (what's matter with Ocala amateurs?) Nassau, Sumter, and Union. He (or she) must be Conditional or better and a member of ARRL. Apply to SEC of E. Fla. QTH on page 2.)

FOR SALE: 200 watt Modulation transformer, primary 21,000 ohms-200 Ma., secondary 8000 ohms-250 Ma., $6.50; UTC type S71 filament transformer for 866A's in full-wave bridge, brand new, cost $15, sell for $-0.00; 1 used 4-125A, guaranteed good, $4.50; 2 ea. Potter & Brumfield KRP11A relays, 6.3 V. AC, contacts DPDT 8 amps. rating, brand new $3.00 each; one 0-3 Amp. Thermo-couple type RF Ammeter, Collins, $1.50; one 0-300 MA. DC Triplett 2" round meter $2.50. Ken Boynton, W4ZJZ, 106 SE 9th Dr., Gainesville, Fla.

FOR SALE: Collins 75A-2 Receiver, very clean, A-1 condition with a speaker and instruction manual, $270.00. EICO RTMA Resistance Box, 15 ohms to 10 M, like new, $4.00. Johnson Match Box (small) $35.00, like new condition. Model RDE fixed tuned receiver, 2 - 8 Mcs. crystal controlled, with manual. Make excellent net monitor receiver, $12.00. Set of mounted Balun coils, $2.00. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, Fla. 888-3874.

FOR SALE: Facsimile rig, make offer. Power supply 520 VDC at 400 Ma., 1040 VDC at 400 ma., 4000 VDC at 150 ma. All filtered. New 5 CP and 5 CP 7 cathode ray tubes. WANTED Rotor with indicator VOM or VTVM. Rich Feinauer WA4FBA, 5961 SW 44th Terr. Miami 55. Phone 661-8387.

FOR SALE: Apache xmtr in very good electrical condition. Cab slightly scratched. HQ-160 in very good cond electrically and physically. Maple desk 3 by 5 foot. V-M tape recorder. All items priced for quick sale. R. R. Cyanacki K4VSH, 818 Fourth Ave., north, Jacksonville Beach, Fla. Phone CH9-5620.

NEW QFM NET MANAGER

We are happy to announce ARRL RM, Herb Hamilton, K4-KDN of 1524 South Lake Howard Dr., Winter Haven has taken over the job of net manager for QFN. Assignments and new business will be announced. Send all QNS reports to Herb. Our thanks to Alan, W4BVE of Fort Walton Beach who did such a swell job.

URGENTLY NEEDED! QFN news c.w. operators to report into QFN from Orlando, Jacksonville, Tampa, West Palm Beach, Key West and all other smaller cities. All NCS have been instructed to send your speed. You send slow — then send slow. QFN meets daily at 2330 and 0300 GMT on 365 kc. Take your pick. What say OM?

W. A. S. OR BUST!

Poring over my stateside QSL's one fine day some years ago, it dawned on me that the coveted W.A.S. Award was within sight. From then on I began to monitor the bands with deliberation, scorning any familiar calls, in order to fill in the few missing states. With victory within my grasp, having tallied forty-seven states and being shy but one--good old Delaware ---Congress got wind of the situation and promptly admitted Alaska and Hawaii to the Union. "FOILED!" I shouted, "FOULED!" -- but to no avail; Congress refused to rescind their decision.

In due time after steadfast application of warming the seat in front of the rig, the DX states were conquered too. So now it was heigh-ho for Delaware. . . ah, elusive Peach Blossom state, where art thou?

Weeks, months, years later found me old and grey but still punctuating the air waves with my 579 sigs, the world of DX was my oyster although the domestic pearl I sought was not destined to grace my shack, as yet. It occured to me after running down a dozen K3's in vain, that my dismal failure could only be attributed to such alarming possibilities as:

1. DELAWARE HAD SECEDED FROM THE UNION!
2. Or. . .there wasn't a key to be found in a Delaware shack.
3. Or. . . .Florida had no reciprocity agreement with Deleware.
4. Or. . . .My TA-33 attenuated all sigs from that particular state.

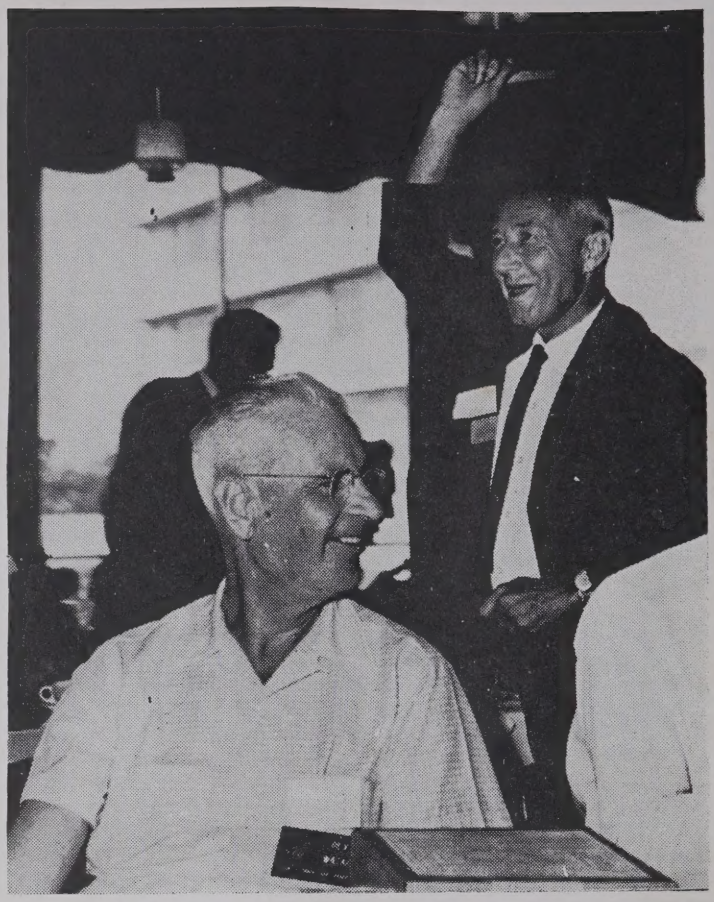
BUT --- on the historic date of April 30, 1963 1730 EST, the quest of the holy grail ended in a beautiful CW contact with Skip Nelson K3GKF, SCM of guess-what-state; an event which dispelled all my previous cockeyed theories. It just did not happen by chance. Among other things, it took the combined efforts of Charley W4AKB of FMTN, Andy W4IYT of Fla. Net. (QFN) and John Davis W4FZW who snagged K3GKF on 7010 KC, and buzzed me on the landline at the latter's request.

The rest is now history. A fat package will be on its jolly way to A.R.R.L. (insured for $1,000,000.05) Said bundle will be accompanied by a martyred letter requesting my just desserts, bearing a CW mode endorsement of course. (What else is there?)

And now. . .DXCC or Bust!

Jack Wacher W4OBA
Consultant Specialist - W.A.S.

Sprinkle broiled chicken with crushed tarragon just before removing it from the heat.



HEY! THAT'S MY NUMBER. Lucky ticket holder at the Orlando Hamfest, the main prize, a new HR-150 transmitter was Hap Gribsby K4MFF of Largo. Needless to say "Hap" was real happy! So was on looker Rev, W4ZAG. Both these men are strong SSBers and can be found on 3490kc from time to time. See Haps HAMBAR out back. (Photo by K4NVD our new SKIP photographer.)

THIS MATTER OF TRAFFIC

(Continued from Front Page)

with RTTY circuitry. But when harsh propagation conditions exist they fall back to CW. Usually a parallel back-up circuit using CW exists to bolster the voice and RTTY circuits. CW is not as fast as RTTY, but it can be copied through QRM, QRN and QSB when RTTY equipment cannot be called dependable. Similarly with SSB. Try it some night on 75 phone and when the SSB gets tough to copy within the state try a nickel's worth of CW. .you'll be able to copy solid.

The reason amateurs are "tolerated" by the Government, also in search of additional frequencies along with the commercial interests, is that there DOES exist a need for a pool of trained operators/technicians conversant with the handling of two-way intelligence via radio. Amateur radio fills the need. Therefore the license you hold is truly being utilized by you in the Public Interest, which is the basis for permitting the licenses to be issued in the first place.

Whether or not you handle traffic on CW, SSB, RTTY, on the LF, HF or VHF bands the important thing is to maintain your qualifications according to the licensing regulations and to maintain your personal skills in the same vein. Read last portion of first paragraph Sec. 12.27, U.S. Regulations.

Yours for bigger and more correctly totalled traffic reports.

Ed Cushing, W4QVJ
SCM - East Florida

TAMPA AMATEUR RADIO CLUB

Club meetings are held the first and third Mondays of each month. All Amateur Radio Operators are invited to attend when they are in Tampa. The club visited the Florida Steel Corp. Electric Steel Mill and Rolling Mill Plant on April 15, 1963. Slide film were shown to explain the plant operation and then a conducted tour of plant was made. This was a trip arranged by Edmund H. Kaiser, Jr. Wn4HDG, of the Florida Steel Corp.

Jack Lupin, W4URX was accepted as a new member at the last Board meeting, on April 22, 1963.

On Wednesday, May 8, 1963, the Trophy Chess Club of Tampa engaged the Philadelphia Electric Chess Club in five games of chess. W4DUG and K3LDD handled the communications on 14,201 KC. Don Fischer WA4SJG, Earl Miller, K4HFF and Glen Averill, WA4LLU handled the Tampa club's end. Walt Carr, Manuel Benitez, Dick Whidden, Dann Gallager, and Ozzie Osgood were the players in Tampa. Jim Kelly and Bill Parkinson were two of the players in Philadelphia, with John Ryan at the controls of the Transmitter. Games were not finished due to time limit. Better luck next time fellows.

73, Herb Smith K4LML

SPRING SET RESULTS

Due to lateness of our May 18-19th SET, results can not be printed here. From all indications by monitoring all Florida Nets there was a surprisingly good turn out.

We will have more complete details in the next issue. All ECs and Net Managers are urged to send their reports to your SEC soon as possible.

A dash of turmeric is excellent with creamed eggs, fish or chicken.